

### **ABSTRACT**

An embodiment of the present invention relates to an integrated memory system comprising at least a non-volatile memory and an automatic storage error corrector, and wherein the memory is connected to a controller by means of an interface bus.

- 5 Advantageously, the system comprises in the memory circuit means, functionally independent, each being responsible for the correction of a predetermined storage error; at least one of said means generating a signal to ask a correction being external to the memory.